Goi Eskola Politeknikoa | Mondragon Unibertsitatea
Course: 2025 / 2026 - Course planning

[MLC101] Company Computer Applications (AIE)

GENERAL INFORMATION

Studies	UNIVERSITY MASTER'S DEGREE IN PRODUCTIVE LOGISTICS OPERATIONS MANAGEMENT	**Subject**	?
Semester	1	**Course** 1	**Mention / Field of specialisation**
Character	COMPULSORY		
Plan	2025	**Modality** Face-to-face	**Language** EUSKARA/CASTELLANO
Credits	3	**Hours/week** 0	**Total hours** 59 class hours + 16 non-class hours = **75 total hours**

2030 AGENDA GOALS

PROFESSORS

EREÑO INCERA, ANA MONSERRAT

REQUIRED PREVIOUS KNOWLEDGE

Subjects	Knowledge
(No specific previous subjects required)	*(No previous knowledge required)*

LEARNING RESULTS

LEARNING RESULTS	KC	SK	AB	ECTS
ML011 - To distinguish and connect different software applications of the AIE company that support the order-delivery process		*x*		1,2
ML012 - to identify, analyse and classify data sources to generate knowledge and competitive advantage using advanced digitisation tools	*x*	*x*		1,4
ML301 - Works in multidisciplinary teams, without distinction, with a cooperative and participative attitude and efficiently communicates the results obtained orally and in writing in different languages. Without any limitation of accessibility to achieve the established objectives.	*x*		*x*	0,2
ML302 - Understands the impact of their profession on the environment in order to practice with social responsibility	*x*			0,2
			Total:	**3**

KC: Knowledge or Content / SK: Skills / AB: Abilities

SECONDARY LEARNING RESULTS

RML301 [!] *Trabaja en equipos multidisciplinares, sin distinción ninguna, con actitud cooperativa, participativa y comunica eficiente los resultados obtenidos de forma oral y escrita en distintos idiomas. Sin ninguna limitación de accesibilidad para alcanzar lo*

LEARNING ACTIVITIES	CH	NCH	TH
Carrying out/resolving projects/challenges/cases, etc. to provide solutions to problems in interdisciplinary contexts, real and/or simulated, individually and/or in teams	5 h.		5 h.

EVALUATION SYSTEM	W	MAKE-UP MECHANISMS
Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems	100%	*(No mechanisms)*

CH - Class hours: 5 h.
NCH - Non-class hours: 0 h.
TH - Total hours: 5 h.

RML101 [!] *Distinguir y conectar diferentes aplicaciones informáticas de la empresa AIE que dan soporte al proceso pedido-entrega*

LEARNING ACTIVITIES	CH	NCH	TH
Development and writing of records, reports, presentations, audiovisual material, etc. on	4 h.	1 h.	5 h.

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Goi Eskola
Politeknikoa
Escuela Politécnica
Superior

projects/work experience/challenges/case studies/experimental investigations carried out individually and/or in teams

Personal study and flexible development of concepts and subjects using active dynamics, to foster more meaningful learning	12 h.	5 h.	17 h.
Presentation by the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	8 h.		8 h.

EVALUATION SYSTEM	W	MAKE-UP MECHANISMS
Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems	50%	*(No mechanisms)*
Presentation and defence of exercises, case studies, computer practical work, simulation practical work, laboratory practical work, term projects, end of degree project, master's thesis, challenges and problems	50%	

CH - Class hours: 24 h.
NCH - Non-class hours: 6 h.
TH - Total hours: 30 h.

RML302 [!] *Entiende el impacto de su profesión en el entorno para ejercer con responsabilidad social*

LEARNING ACTIVITIES	CH	NCH	TH
Carrying out/resolving projects/challenges/cases, etc. to provide solutions to problems in interdisciplinary contexts, real and/or simulated, individually and/or in teams	5 h.		5 h.

EVALUATION SYSTEM	W	MAKE-UP MECHANISMS
Reports on the completion of exercises, case studies, computer exercises, simulation exercises, laboratory exercises, term projects, challenges and problems	100%	*(No mechanisms)*

CH - Class hours: 5 h.
NCH - Non-class hours: 0 h.
TH - Total hours: 5 h.

RML102 [!] *Identificar, analizar y clasificar orígenes de datos para generar conocimiento y ventaja competitiva utilizando herramientas de digitalización avanzadas*

LEARNING ACTIVITIES	CH	NCH	TH
Development and writing of records, reports, presentations, audiovisual material, etc. on projects/work experience/challenges/case studies/experimental investigations carried out individually and/or in teams	10 h.	5 h.	15 h.
Computer simulation exercises, individually and/or in teams	5 h.	5 h.	10 h.
Presentation by the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	10 h.		10 h.

EVALUATION SYSTEM	W	MAKE-UP MECHANISMS
Presentation and defence of exercises, case studies, computer practical work, simulation practical work, laboratory practical work, term projects, end of degree project, master's thesis, challenges and problems	100%	*(No mechanisms)*

CH - Class hours: 25 h.
NCH - Non-class hours: 10 h.
TH - Total hours: 35 h.

CONTENTS

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1. Introduction to the Subject   2. Business IT Applications
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    What they are - what they are not
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Business IT Map

Types of applications

Digitalization

Business Processes vs. Business IT Applications

Infrastructure - Architecture

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3. Business Intelligence
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Tools and ProcessesIdentifying Key Performance Indicators. Dashboards
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LEARNING RESOURCES AND BIBLIOGRAPHY

Learning resources	Bibliography
Topic related web quires Technical articles Moodle Platform	Delivering Data Analytics: A Step-By-Step Guide to Driving Adoption of Business Intelligence from Planning to Launch ISBN:978-1-3986-0294-6,978-1-3986-0295-3 A Roadmap to Industry 4.0 Libro Smart Production, Sharp Business and Sustainable Development Anand Nayyar, Akshi Kumar 9783030145439